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(54) Title: A COMPOSITION ENRICHED IN DIGLYCERIDE WITH CONJUGATED LINOLEIC ACID

(57) Abstract: The present invention relates to an oil composition containing a large amount of a. diglyceride of conjugated linoleic acid (CLA), and more particularly to an oil composition with body weight control, anticancer, antioxidation and immune enhancement functions, which is based on a diglyceride of conjugated linoleic acid resulted from an enzymatic reaction between conjugated linoleic acid obtained from edible oil and glycerol. The inventive oil composition comprises 40-95% by weight of diglycerides, 5-60% by weight of triglycerides, 0.110% by weight of monoglycerides, and 0.02-10% by weight of residues, in which the ratio of conjugated linoleic acid (CLA) to fatty acids contained in the total glycerides is 5-98%. The use of the oil composition provides high-added-value foods, pharmaceutical compositions and foodstuff additives with effects of anticancer, immune enhancement, antioxidation, anticholestol, growth promotion and the like.